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## SK 3302.120

## TopTherm wall-mounted cooling unit Blue e

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FRIEDHELM LOH GROUP



# SK 3302.120 - TopTherm wall-mounted cooling unit Blue e 0.3 - 4 kW

Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W). Available in the special formats "horizontal" and "flat".



## Features

|                                      |                                                                                                                                                                  |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                            | SK 3302.120                                                                                                                                                      |
| Design                               | wall-mounted                                                                                                                                                     |
| Product description                  | Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W).    |
| Benefits                             | May be linked to the IoT interface via Blue e IoT adaptor for cooling units from 500 W cooling output with e-Comfort controller                                  |
| Material                             | Sheet steel                                                                                                                                                      |
| Colour                               | RAL 7035                                                                                                                                                         |
| Supply includes                      | Condenser with hydrophobic RiNano coating<br>Fully wired ready for connection (plug-in terminal strip)<br>Drilling template<br>Assembly parts                    |
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 0.36 kW<br>Cooling output L35 L35/60 Hz: 0.38 kW<br>Cooling output L35 L50/50 Hz: 0.21 kW<br>Cooling output L35 L50/60 Hz: 0.23 kW |
| Rated operating voltage              | 200 V, 1~, 50 Hz/60 Hz                                                                                                                                           |

# Features

|                                                |                                                                                                                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated current max.                             | At 50 Hz: 1.9 A<br>At 60 Hz: 2 A                                                                                                                                            |
| Start-up current max.                          | At 50 Hz: 3.5 A<br>At 60 Hz: 3.9 A                                                                                                                                          |
| Air throughput (unimpeded air flow)            | External circuit: 310 m³/h<br>Internal circuit: 345 m³/h                                                                                                                    |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.44<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.46                                                                            |
| Design                                         | wall-mounted                                                                                                                                                                |
| Dimensions                                     | Width: 280 mm<br>Height: 550 mm<br>Depth: 140 mm                                                                                                                            |
| Protection category to IEC 60 529              | External circuit IP 34<br>Internal circuit IP 54                                                                                                                            |
| Protection category NEMA                       | UL Type 12                                                                                                                                                                  |
| Refrigerant/cooling medium                     | Refrigerant: R134a<br>Quantity: 0.11 kg<br>Global Warming Potential (GWP): 1,430<br>CO2 equivalent (CO2e): 0.16 t                                                           |
| Temperature control                            | Basic controller (factory setting +35 °C)                                                                                                                                   |
| Operating temperature range                    | 10 °C...55 °C                                                                                                                                                               |
| Storage temperature range                      | -40 °C...70 °C                                                                                                                                                              |
| Setting range                                  | 30 °C...55 °C                                                                                                                                                               |
| Power consumption Pel                          | Power consumption L35 L35/50 Hz: 0.25 kW<br>Power consumption L35 L35/60 Hz: 0.26 kW<br>Power consumption L35 L50/50 Hz: 0.28 kW<br>Power consumption L35 L50/60 Hz: 0.3 kW |
| Permissible operating pressure (p. max.)       | 25 bar                                                                                                                                                                      |
| Pre-fuse                                       | Miniature circuit-breaker/fuse: 10 A                                                                                                                                        |
| Packs of                                       | 1 pc(s).                                                                                                                                                                    |
| Net weight                                     | 13 kg                                                                                                                                                                       |

# Features

|                       |          |
|-----------------------|----------|
| Gross weight          | 13.75 kg |
| Customs tariff number | 84158200 |
| ETIM 9                | EC000855 |
| ETIM 8                | EC000855 |
| ECLASS 8.0            | 27180704 |

# Approvals

|              |                                                           |
|--------------|-----------------------------------------------------------|
| Certificates | EAC                                                       |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |